

SEQUENCE LISTING

<110> Qin, Ning
Codd, Ellen
D'Andrea, Michael

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<120> DNAs encoding human beta1a sodium channel subunit

<130> ORT-1221

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oligonucleotide primers for Northern blot analysis

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<213> Homo sapiens

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<213> Homo sapiens

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35

Gly Met Thr Phe Lys Ile Leu Cys Ile Ser Cys Lys Arg Arg Ser Glu

35

40

45

Thr Asn Ala Glu Thr Phe Thr Glu Trp Thr Phe Arg Gln Lys Gly Thr
50 55 60

5 Glu Glu Phe Val Lys Ile Leu Arg Tyr Glu Asn Glu Val Leu Gln Leu
65 70 75 80

Glu Glu Asp Glu Arg Phe Glu Gly Arg Val Val Trp Asn Gly Ser Arg
85 90 95

10 Gly Thr Lys Asp Leu Gln Asp Leu Ser Ile Phe Ile Thr Asn Val Thr
100 105 110

Tyr Asn His Ser Gly Asp Tyr Glu Cys His Val Tyr Arg Leu Leu Phe
15 115 120 125

Phe Glu Asn Tyr Glu His Asn Thr Ser Val Val Lys Lys Ile His Ile
130 135 140

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145 150 155 160

Thr His Arg Arg Ala Arg Trp Arg Asp Arg Trp Gln Ala Val Asp Arg
165 170 175

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180 185 190

Glu Gly Glu Gly Ser Ser Pro Ser Cys Pro Leu Gln Leu Trp Pro Leu
30 195 200 205

Phe Leu Ser Ser Pro Arg Arg Gly Gln Ser Met Pro Val Pro His Arg
210 215 220

35 Arg Ser Gly Tyr Arg Thr Gln Leu Cys His Leu Cys Cys Met Thr Ser
225 230 235 240

Gly Arg Cys Leu Leu Ser Leu Ser Gln Arg Val Val Leu Gly Leu Pro

245

250

255

Gly Ile Ile Ile Arg Cys Val Ser Arg Gly Val Val

5

260

265